Patent Claims

1. Field bus distribution unit for connecting a field bus of process automation technology with a plurality of field devices, characterized in that the field bus distribution unit (VE) includes a microcontroller (µC), which is connected with the field bus (FB) and which serves for transmitting device-specific information of the field devices connected to the distribution unit (VE).

2. Field bus distribution unit as claimed in claim 1, characterized in that the microcontroller (µC) is connected with a reader module (LM) for chip-tags (CE).

3. Field bus distribution unit as claimed in claim 2, characterized in that the chip-tags (CE) are RFID-tags.

4. Field bus distribution unit as claimed in one of the preceding claims, characterized in that device-specific information for field devices is stored in the chip-tags (CE) and the chip-tags are provided on corresponding cables (K1, K2, K3, K4), via which the field devices (F1, F2, F3, F4) are connected with the field bus distribution unit (VE).

5. Field bus distribution unit as claimed in one of the preceding claims, characterized in that the device-specific information includes location information, order code, device history of the corresponding field device.

6. Field bus distribution unit as claimed in one of the preceding claims, characterized in that the microcontroller (µC) is connected with a GPS-module (GPS).

7. Field bus distribution unit as claimed in one of the preceding claims, characterized in that the field bus works according to one of the field bus standards (HART®, Profibus®, Foundation® Fieldbus).

8. Connecting cable for connecting field devices to a field bus, characterized in that a chip-tag is provided on the connecting cable, wherein device-specific information of field devices is stored in the chip-tag.